

**Amendments to the Claims:**

The following listing of claims replaces all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (Currently Amended) In a laminated glass having an interlayer film between at least two transparent glass platy bodies,

the laminated glass being characterized in that functional ultra-fine particles of a particle diameter of not greater than 0.2 $\mu$ m are dispersed in the interlayer film,

that the functional ultra-fine particles ~~comprise~~ consist of a single substance of metal, metal oxide, metal nitride, metal sulfide or Sb- or F-doped substance of Sn, Ti, Si, Zn, Zr, Fe, Al, Cr, Co, Ce, In, Ni, Ag, Cu, Pt, Mn, Ta, W, V or Mo, or a composite selected from at least two of these, or a mixture containing an organic resin substance in the single substance or composite, or a coated substance coated with the single substance or composite, or an antimony-doped tin oxide and/or tin-doped indium oxide,

that an infrared-reflective film that has a sheet resistivity ranging from 1k $\Omega$ /□ to 10G $\Omega$ /□ is formed on at least one surface of the interlayer film, and

that the infrared-reflective film is (a) a single layer made of a metal, metal oxide or metal nitride having absorption and reflection in an infrared region, or (b) a laminate of five layers or less, each layer of the laminate being independently made of a metal, metal oxide, or metal nitride having absorption and reflection in an infrared region.

wherein the infrared-reflective film is the single layer or a laminate of three layers, each layer of the laminate being independently made of a metal, metal oxide, or metal nitride having absorption and reflection in an infrared region.

2. (Currently Amended) In a laminated glass having an interlayer film between at least two transparent glass platy bodies,

the laminated glass being characterized in that an infrared-reflective film that has a sheet resistivity ranging from  $1\text{k}\Omega/\square$  to  $10\text{G}\Omega/\square$  is formed on at least one transparent glass platy body constituting the laminated glass,

that the infrared-reflective ~~films~~ film is (a) a single layer made of a metal, metal oxide or metal nitride having absorption and reflection in an infrared region, or (b) a laminate of five layers or less, each layer of the laminate being independently made of a metal, metal oxide or metal nitride having absorption and reflection in an infrared region, and

that functional ultra-fine particles of a particle diameter of not greater than  $0.2\mu\text{m}$  are dispersed in the interlayer film, that the functional ultra-fine particles ~~comprise~~ consist of a single substance of metal, metal oxide, metal nitride, sulfide or Sb- or F-doped substance of Sn, Ti, Si, Zn, Zr, Fe, Al, Cr, Co, Ce, In, Ni, Ag, Cu, Pt, Mn, Ta, W, V or Mo, or a composite selected from at least two of these, or a mixture containing an organic resin substance in the single substance or composite, or a coated substance coated with the single substance or composite, or an antimony-doped tin oxide and/or tin-doped indium oxide.

3-4. (Canceled)

5. (Previously Presented) A laminated glass according to claim 1, which is characterized in that the infrared ray reflective film has a sheet resistivity value of not less than  $1\text{k}\Omega/\square$ , and which is used for an architectural window.

6. (Previously Presented) A laminated glass according to claim 1, which is characterized in that the infrared ray reflective film has a sheet resistivity value of not less than  $20\text{k}\Omega/\square$ , and which is used for a vehicular window.

7. (Previously Presented) A laminated glass according to claim 2, which is characterized in that the infrared ray reflective film has a sheet resistivity value of not less than  $1\text{k}\Omega/\square$ , and which is used for an architectural window.

8. (Previously Presented) A laminated glass according to claim 2, which is characterized in that the infrared ray reflective film has a sheet resistivity value of not less than  $20\text{k}\Omega/\square$ , and which is used for a vehicular window.

9. (Canceled)

10. (Currently Amended) A laminated glass according to claim 2, wherein the infrared-reflective film is the single layer or a laminate of three layers, each layer of the laminate being independently made of a metal, metal oxide, or metal nitride having absorption and reflection in an infrared region.

11. (Previously Presented) A laminated glass according to claim 1, wherein the infrared-reflective film is (a) a single layer made of a metal oxide having absorption and reflection in an infrared region, or (b) a laminate of three layers, (i) a first layer of the laminate being formed on the at least one surface of the interlayer film and being made of a metal oxide or metal nitride, (ii) a second layer of the laminate being formed on the first layer and being made of a metal, metal nitride, or metal oxide, (iii) a third layer of the laminate being formed on the second layer and being made of a metal oxide or metal nitride.

12. (Previously Presented) A laminated glass according to claim 2, wherein the infrared-reflective film is (a) a single layer made of a metal oxide having absorption and reflection in an infrared region, or (b) a laminate of three layers, (i) a first layer of the laminate being formed on the at least one transparent glass platy body and being made of a metal oxide or metal nitride, (ii) a second layer of the laminate being formed on the first layer and being made

of a metal, metal nitride, or metal oxide, (iii) a third layer of the laminate being formed on the second layer and being made of a metal oxide or metal nitride.

13. (Previously Presented) A laminated glass according to claim 1, wherein the infrared-reflective film is (a) a single layer made of CrO, NiCrO or a stainless steel oxide, or (b) a laminate of three layers, (i) a first layer of the laminate being formed on the at least one surface of the interlayer film and being made of ZnO, SnO, SiO or Si<sub>3</sub>N<sub>4</sub>, (ii) a second layer of the laminate being formed on the first layer and being made of a stainless steel, a stainless steel nitride, CrN, Si, TiO, or TiN, (iii) a third layer of the laminate being formed on the second layer and being made of ZnO, SnO, SiO, or TiN.

14. (Previously Presented) A laminated glass according to claim 2, wherein the infrared-reflective film is (a) a single layer made of CrO, NiCrO or a stainless steel oxide, or (b) a laminate of three layers, (i) a first layer of the laminate being formed on the at least one transparent glass platy body and being made of ZnO, SnO, SiO or TiN, (ii) a second layer of the laminate being formed on the first layer and being made of a stainless steel, a stainless steel nitride, CrN, Si, TiO, or TiN, (iii) a third layer of the laminate being formed on the second layer and being made of ZnO, SnO, SiO, or Si<sub>3</sub>N<sub>4</sub>.

15. (Currently Amended) ~~A laminated glass according to claim 1~~ In a laminated glass having an interlayer film between at least two transparent glass platy bodies,

the laminated glass being characterized in that functional ultra-fine particles of a particle diameter of not greater than 0.2μm are dispersed in the interlayer film,

that the functional ultra-fine particles comprise a single substance of metal, metal oxide, metal nitride, metal sulfide or Sb- or F-doped substance of Sn, Ti, Si, Zn, Zr, Fe, Al, Cr, Co, Ce, In, Ni, Ag, Cu, Pt, Mn, Ta, W, V or Mo, or a

composite selected from at least two of these, or a mixture containing an organic resin substance in the single substance or composite, or a coated substance coated with the single substance or composite, or an antimony-doped tin oxide and/or tin-doped indium oxide,

that an infrared-reflective film that has a sheet resistivity ranging from  $1\text{k}\Omega/\square$  to  $10\text{G}\Omega/\square$  is formed on at least one surface of the interlayer film, and

that the infrared-reflective film is (a) a single layer made of a metal, metal oxide or metal nitride having absorption and reflection in an infrared region, or (b) a laminate of five layers or less, each layer of the laminate being independently made of a metal, metal oxide, or metal nitride having absorption and reflection in an infrared region,

wherein the infrared-reflective film is (a) a single layer made of CrO, NiCrO or a stainless steel oxide, or (b) a laminate of three layers having a first layer formed on the at least one surface of the interlayer film, a second layer formed on the first layer, and a third layer formed on the second layer, the first, second and third layers of the laminate respectively being (i) ZnO, a stainless steel and ZnO, (ii) ZnO, a stainless steel nitride and ZnO, (iii) ZnO, CrN and ZnO, (iv) SnO, CrN and SnO, (v) SiO, Si and SiO, (vi)  $\text{Si}_3\text{N}_4$ , TiO and TiN, or (vii) ZnO, TiN and ZnO.

16. (Currently Amended) ~~A laminated glass according to claim 2~~ In a laminated glass having an interlayer film between at least two transparent glass platy bodies,

the laminated glass being characterized in that an infrared-reflective film that has a sheet resistivity ranging from  $1\text{k}\Omega/\square$  to  $10\text{G}\Omega/\square$  is formed on at least one transparent glass platy body constituting the laminated glass,

that the infrared-reflective film is (a) a single layer made of a metal, metal oxide or metal nitride having absorption and reflection in an infrared region, or (b) a laminate of five layers or less, each layer of the laminate being



independently made of a metal, metal oxide or metal nitride having absorption and reflection in an infrared region, and

that functional ultra-fine particles of a particle diameter of not greater than 0.2 $\mu$ m are dispersed in the interlayer film, that the functional ultra-fine particles comprise a single substance of metal, metal oxide, metal nitride, sulfide or Sb- or F-doped substance of Sn, Ti, Si, Zn, Zr, Fe, Al, Cr, Co, Ce, In, Ni, Ag, Cu, Pt, Mn, Ta, W, V or Mo, or a composite selected from at least two of these, or a mixture containing an organic resin substance in the single substance or composite, or a coated substance coated with the single substance or composite, or an antimony-doped tin oxide and/or tin-doped indium oxide,

wherein the infrared-reflective film is (a) a single layer made of CrO, NiCrO or a stainless steel oxide, or (b) a laminate of three layers having a first layer formed on the at least one transparent glass platy body, a second layer formed on the first layer, and a third layer formed on the second layer, the first, second and third layers of the laminate respectively being (i) ZnO, a stainless steel and ZnO, (ii) ZnO, a stainless steel nitride and ZnO, (iii) ZnO, CrN and ZnO, (iv) SnO, CrN and SnO, (v) SiO, Si and SiO, (vi) TiN, TiO and Si<sub>3</sub>N<sub>4</sub>, or (vii) ZnO, TiN and ZnO.

17. (Currently Amended) ~~A laminated glass according to claim 1~~ In a laminated glass having an interlayer film between at least two transparent glass platy bodies,

the laminated glass being characterized in that functional ultra-fine particles of a particle diameter of not greater than 0.2 $\mu$ m are dispersed in the interlayer film,

that the functional ultra-fine particles comprise a single substance of metal, metal oxide, metal nitride, metal sulfide or Sb- or F-doped substance of Sn, Ti, Si, Zn, Zr, Fe, Al, Cr, Co, Ce, In, Ni, Ag, Cu, Pt, Mn, Ta, W, V or Mo, or a composite selected from at least two of these, or a mixture containing an organic resin substance in the single substance or composite, or a coated substance

coated with the single substance or composite, or an antimony-doped tin oxide and/or tin-doped indium oxide,

that an infrared-reflective film that has a sheet resistivity ranging from  $1\text{k}\Omega/\square$  to  $10\text{G}\Omega/\square$  is formed on at least one surface of the interlayer film, and

that the infrared-reflective film is (a) a single layer made of a metal, metal oxide or metal nitride having absorption and reflection in an infrared region, or (b) a laminate of five layers or less, each layer of the laminate being independently made of a metal, metal oxide, or metal nitride having absorption and reflection in an infrared region,

wherein the infrared-reflective film is a laminate of five layers, (i) a first layer of the laminate being formed on the at least one surface of the interlayer film and being made of ZnO, (ii) a second layer of the laminate being formed on the first layer and being made of TiN, (iii) a third layer of the laminate being formed on the second layer and being made of ZnO, (iv) a fourth layer of the laminate being formed on the third layer and being made of TiN, and (v) a fifth layer of the laminate being formed on the fourth layer and being made of ZnO.

18. (Currently Amended) ~~A laminated glass according to claim 2~~ In a laminated glass having an interlayer film between at least two transparent glass platy bodies,

the laminated glass being characterized in that an infrared-reflective film that has a sheet resistivity ranging from  $1\text{k}\Omega/\square$  to  $10\text{G}\Omega/\square$  is formed on at least one transparent glass platy body constituting the laminated glass,

that the infrared-reflective film is (a) a single layer made of a metal, metal oxide or metal nitride having absorption and reflection in an infrared region, or (b) a laminate of five layers or less, each layer of the laminate being independently made of a metal, metal oxide or metal nitride having absorption and reflection in an infrared region, and

that functional ultra-fine particles of a particle diameter of not greater than  $0.2\mu\text{m}$  are dispersed in the interlayer film, that the functional ultra-fine

particles comprise a single substance of metal, metal oxide, metal nitride, sulfide or Sb- or F-doped substance of Sn, Ti, Si, Zn, Zr, Fe, Al, Cr, Co, Ce, In, Ni, Ag, Cu, Pt, Mn, Ta, W, V or Mo, or a composite selected from at least two of these, or a mixture containing an organic resin substance in the single substance or composite, or a coated substance coated with the single substance or composite, or an antimony-doped tin oxide and/or tin-doped indium oxide,

wherein the infrared-reflective film is a laminate of five layers, (i) a first layer of the laminate being formed on the at least one transparent glass platy body and being made of ZnO, (ii) a second layer of the laminate being formed on the first layer and being made of TiN, (iii) a third layer of the laminate being formed on the second layer and being made of ZnO, (iv) a fourth layer of the laminate being formed on the third layer and being made of TiN, and (v) a fifth layer of the laminate being formed on the fourth layer and being made of ZnO.

19-20. (Canceled)